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Prepn. of polyethylene-alpha-polyolefin copolymer with increased productivity - by copolymerising ethylene@ and alpha-olefin, dividing inside of reactor into chambers and supplying metallocene catalyst and Ziegler catalyst

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Abstract (Basic): JP 8003203 A

Prepn. of an ethylene/alpha-olefin copolymer comprises copolymerising ethylene and a 3 or more C alpha-olefin with the inside of a rector divided into at least three chambers, supplying a metallocene catalyst to an upper chamber in the reactor and supplying a Ziegler type catalyst to a lower chamber in the reactor.

USE - Used for the prepn. of an ethylene/3+ C copolymer.

ADVANTAGE - The process increases the productivity of the copolymer while maintaining copolymer characteristics.

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Derwent Class: A17; E12

International Patent Class (Main): C08F-002/04

International Patent Class (Additional): C08F-004/642; C08F-210/16